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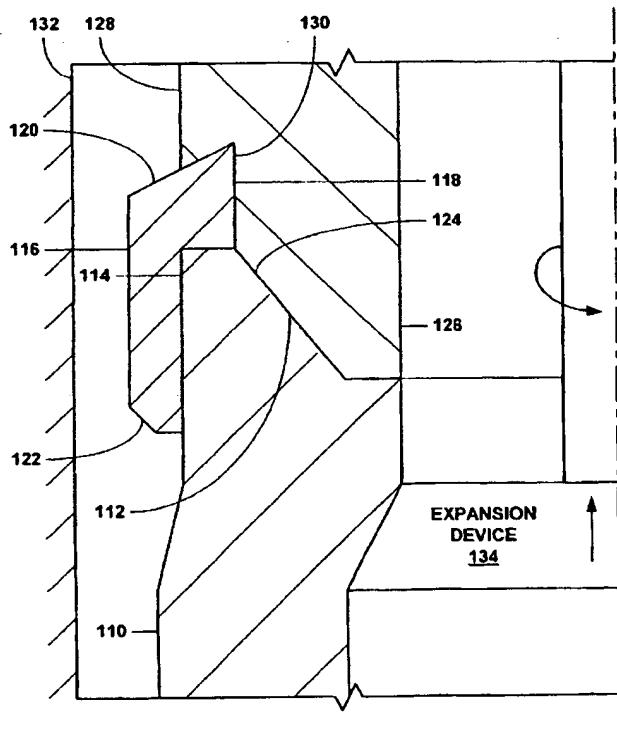
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[Continued on next page]

(54) Title: PROTECTIVE COMPRESSION AND TENSION SLEEVES FOR THREADED CONNECTIONS FOR RADIALLY EXPANDABLE TUBULAR MEMBERS



(57) Abstract: A radially expandable multiple tubular member apparatus includes a first tubular member (110) and a second tubular member (128) engaged with the first tubular member forming a joint. A sleeve (116) overlaps and couples the first and second tubular members at the joint.

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<p>A. CLASSIFICATION OF SUBJECT MATTER</p> <p>IPC(7) : E21B 19/16, 17/02, 29/00 US CL : 166/380, 242.1, 242.6, 206, 207; 285/333, 334, 382.1, 53</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>																																											
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) U.S. : 166/380, 242.1, 242.6, 206, 207; 285/333, 334, 53, 382.1, 382.4</p>																																											
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<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 6,263,968 B1 (FREEMAN et al) 24 July 2001 (24.07.2001), Fig. 9B, column 2, lines 51-64, column 10, line 4 through column 11, line 15.</td> <td>14, 16, 25, and 27</td> </tr> <tr> <td>---</td> <td></td> <td>-----</td> </tr> <tr> <td>Y</td> <td>US 4,854,338 A (GRANTHAM) 08 August 1989 (08.08.1989), Figs. 3-4, column 6, lines 25-31.</td> <td>1-13, 15, 17-24, 26,</td> </tr> <tr> <td>Y</td> <td>US 5,031,370 A (JEWETT) 16 July 1991 (16.07.1991), Fig. 8 and claim 11.</td> <td>28-46, 48, 49, 51-58,</td> </tr> <tr> <td>Y</td> <td>US 4,401,325 A (TSUCHIYA et al) 30 August 1983 (30.08.1983), Figs. 2-4, column 2, line 52 through column 3, line 2; column 3, line 34 through column 4, line 13.</td> <td>66-85</td> </tr> <tr> <td>Y</td> <td>US 5,931,511 A (DELANGE et al) 03 August 1999 (03.08.1999), Figs. 1-1A.</td> <td>1-13, 15, 22-24, 26,</td> </tr> <tr> <td>Y</td> <td>US 4,917,409 A (REEVES) 17 April 1990 (17.04.1990), Figs. 3-6.</td> <td>56, 57, 66, 77, and 80</td> </tr> <tr> <td></td> <td></td> <td>17-20, 28-31, and 83</td> </tr> <tr> <td></td> <td></td> <td>21, 32, , 58, 61, 66-</td> </tr> <tr> <td></td> <td></td> <td>73, 75, 76, 78, 79, 81,</td> </tr> <tr> <td></td> <td></td> <td>82, 84, and 85</td> </tr> <tr> <td></td> <td></td> <td>33-44</td> </tr> <tr> <td></td> <td></td> <td>53-55, 80, and 83</td> </tr> </tbody> </table>		Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 6,263,968 B1 (FREEMAN et al) 24 July 2001 (24.07.2001), Fig. 9B, column 2, lines 51-64, column 10, line 4 through column 11, line 15.	14, 16, 25, and 27	---		-----	Y	US 4,854,338 A (GRANTHAM) 08 August 1989 (08.08.1989), Figs. 3-4, column 6, lines 25-31.	1-13, 15, 17-24, 26,	Y	US 5,031,370 A (JEWETT) 16 July 1991 (16.07.1991), Fig. 8 and claim 11.	28-46, 48, 49, 51-58,	Y	US 4,401,325 A (TSUCHIYA et al) 30 August 1983 (30.08.1983), Figs. 2-4, column 2, line 52 through column 3, line 2; column 3, line 34 through column 4, line 13.	66-85	Y	US 5,931,511 A (DELANGE et al) 03 August 1999 (03.08.1999), Figs. 1-1A.	1-13, 15, 22-24, 26,	Y	US 4,917,409 A (REEVES) 17 April 1990 (17.04.1990), Figs. 3-6.	56, 57, 66, 77, and 80			17-20, 28-31, and 83			21, 32, , 58, 61, 66-			73, 75, 76, 78, 79, 81,			82, 84, and 85			33-44			53-55, 80, and 83
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer David Bagnell <i>✓</i> Telephone No. 703-308-1113																																										